

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: March 18, 2004, 05:41:51 ; Search time 39 Seconds

(Without alignments)
883.104 Million cell updates/sec

Title: US-09-638-693-36

Sequence: 1 QNEICLTHPTIKYIMACMSA.....VIEPIYTWQKLEAFWKKH 133

Scoring table: OLIGO
Gapop 60.0, Gapext 60.0

Searched: 1049977 seqs, 258955339 residues

Word size: 0

Total number of hits satisfying chosen parameters: 1049977

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database:

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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	133	100.0	133	10	US-09-899-046-36
2	133	100.0	133	10	US-09-878-281-36
3	98	73.7	133	10	US-09-899-046-38
4	98	73.7	133	10	US-09-899-046-38
5	98	73.7	133	10	US-09-899-046-40
6	98	73.7	133	10	US-09-878-281-38
7	98	73.7	133	10	US-09-878-281-40
8	98	73.7	209	10	US-09-899-046-223
9	52	39.1	133	10	US-09-899-046-32
10	52	39.1	133	10	US-09-899-046-32
11	52	39.1	133	10	US-09-878-281-32
12	52	39.1	133	10	US-09-878-281-34
13	48	36.1	128	14	US-10-396-964-17
14	41	30.8	829	9	US-09-881-239-5
15	41	30.8	1099	9	US-09-881-654-4

	16	20	15.0	20	10	US-09-899-046-97	Sequence 97, Appl
	17	20	15.0	20	10	US-09-878-281-97	Sequence 97, Appl
	18	19	14.3	19	14	US-10-396-964-2	Sequence 2, Appl
	19	19	14.3	95	10	US-09-899-046-30	Sequence 30, Appl
	20	19	14.3	95	10	US-09-878-281-30	Sequence 30, Appl
	21	19	14.3	481	10	US-09-899-046-270	Sequence 270, App
	22	19	14.3	481	10	US-09-878-281-270	Sequence 270, App
	23	19	14.3	484	10	US-09-899-046-198	Sequence 198, App
	24	19	14.3	484	10	US-09-899-046-200	Sequence 200, App
	25	19	14.3	484	10	US-09-878-281-198	Sequence 198, App
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	29	19	14.3	1692	10	US-09-919-901-18	Sequence 18, Appl
	30	19	14.3	1692	14	US-10-191-966-4	Sequence 4, Appl
	31	19	14.3	1692	14	US-10-191-966-11	Sequence 11, Appl
	32	19	14.3	1692	14	US-10-191-966-18	Sequence 18, Appl
	33	19	14.3	2201	13	US-10-085-476-2	Sequence 2, Appl
	34	19	14.3	2307	10	US-09-919-901-2	Sequence 2, Appl
	35	19	14.3	2307	10	US-09-919-901-9	Sequence 9, Appl
	36	19	14.3	2307	10	US-09-919-901-16	Sequence 16, Appl
	37	19	14.3	2307	14	US-10-191-966-2	Sequence 2, Appl
	38	19	14.3	2307	14	US-10-191-966-9	Sequence 9, Appl
	39	19	14.3	2307	14	US-10-191-966-16	Sequence 16, Appl
	40	19	14.3	2985	14	US-10-259-275-40	Sequence 40, Appl
	41	18	13.5	20	10	US-09-899-046-99	Sequence 99, Appl
	42	18	13.5	20	10	US-09-878-281-99	Sequence 99, Appl
	43	18	13.5	1985	14	US-10-259-275-42	Sequence 42, Appl
	44	18	13.5	2201	13	US-10-029-907-3	Sequence 3, Appl
	45	18	13.5	2201	14	US-10-309-561-3	Sequence 3, Appl

ALIGNMENTS

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RESULT 1
US-09-899-046-36
Sequence 36, Application US/09899046
Publication No. US2003008274A1
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: New sequences of hepatitis C virus
TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (ERO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,046
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-899-046-36
Query Match 100.0%; Score 133; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 1e-120;
Matches 133; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAVCISVGCWYVGHIEFGK 60
DB 1 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAVCISVGCWYVGHIEFGK 60
QY 61 PAIVDEKVLVYQYDEMECSQAAPYEQAQVIAHQFKYVLGLLQRAQQAIVIEPIVT 120
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Db 61 PAIVPDKEVLYQOYDEMEECGQAAPYIEQAQVIAHQFKVGLGLQRAVIAQVIEPIVT 120
QY 121 TNNQKLEAFWMKH 133
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Db

RESULT 2
US-09-878-281-36
; Sequence 36, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION: New sequences of hepatitis C virus
TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/878,281
FILING DATE:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-878-281-36

Query Match 100.0%; Score 133; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 1e-120;
Matches 133; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ONEICLTHPTIKYIMACMSADLEVTSTWVLLGGVLAALAAVCISVGCVVIVGHIEIGSK 60
Db 1 ONEICLTHPTIKYIMACMSADLEVTSTWVLLGGVLAALAAVCISVGCVVIVGHIEIGSK 60
QY 61 PAIVPDKEVLYQOYDEMEECGQAAPYIEQAQVIAHQFKVGLGLQRAVIAQVIEPIVT 120
Db 61 PAIVPDKEVLYQOYDEMEECGQAAPYIEQAQVIAHQFKVGLGLQRAVIAQVIEPIVT 120
QY 121 TNNQKLEAFWMKH 133
Db 121 TNNQKLEAFWMKH 133

RESULT 3
US-09-899-046-38
; Sequence 38, Application US/09899046
; Publication No. US20030008274A1
; GENERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION: New sequences of hepatitis C virus
TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,046
FILING DATE:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:
INFORMATION FOR SEQ ID NO: 38:

SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-899-046-38

Query Match 73.7%; Score 98; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 7.4e-87;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ONEICLTHPTIKYIMACMSADLEVTSTWVLLGGVLAALAAVCISVGCVVIVGHIEIGSK 60
Db 1 ONEICLTHPTIKYIMACMSADLEVTSTWVLLGGVLAALAAVCISVGCVVIVGHIEIGSK 60
QY 61 PAIVPDKEVLYQOYDEMEECGQAAPYIEQAQVIAHQFK 98
Db 61 PAIVPDKEVLYQOYDEMEECGQAAPYIEQAQVIAHQFK 98

RESULT 4
US-09-899-046-40
; Sequence 40, Application US/09899046
; Publication No. US20030008274A1
; GENERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION: New sequences of hepatitis C virus
TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,046
FILING DATE:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:

INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-899-046-40

Query Match 73.7%; Score 98; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 7.4e-87;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ONEICLTHPTIKYIMACMSADLEVTSTWVLLGGVLAALAAVCISVGCVVIVGHIEIGSK 60
Db 1 ONEICLTHPTIKYIMACMSADLEVTSTWVLLGGVLAALAAVCISVGCVVIVGHIEIGSK 60
QY 61 PAIVPDKEVLYQOYDEMEECGQAAPYIEQAQVIAHQFK 98
Db 61 PAIVPDKEVLYQOYDEMEECGQAAPYIEQAQVIAHQFK 98

RESULT 5
US-09-878-281-38
; Sequence 38, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:

APPLICANT:
TITLE OF INVENTION: New sequences of hepatitis C virus
TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

QY 61 PAIVPDKREVLYQOYDEMEBCSOAPYTEQAQVIAHQFK 98
DB 137 PAIVPDKREVLYQOYDEMEBCSOAPYTEQAQVIAHQFK 174

RESULT 9

US-09-899-046-32
; Sequence 32, Application US/09899046
; Publication No. US20030008274A1
; GENERAL INFORMATION:

APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,046
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-09-899-046-32

Query Match 39.1%; Score 52; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 2.4e-42;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 TKYIMACMSADLEVTSTWVLGGVLAALAAVCLSVGCVVIVGHIELGKPA 62
DB 11 TKYIMACMSADLEVTSTWVLGGVLAALAAVCLSVGCVVIVGHIELGKPA 62

RESULT 10

US-09-899-046-34
; Sequence 34, Application US/09899046
; Publication No. US20030008274A1
; GENERAL INFORMATION:

APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/899,046
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-09-899-046-34

Query Match 39.1%; Score 52; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 2.4e-42;

Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 TKYIMACMSADLEVTSTWVLGGVLAALAAVCLSVGCVVIVGHIELGKPA 62
DB 11 TKYIMACMSADLEVTSTWVLGGVLAALAAVCLSVGCVVIVGHIELGKPA 62

RESULT 11

US-09-878-281-32
; Sequence 32, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:

APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/878,281
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-09-878-281-32

Query Match 39.1%; Score 52; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 2.4e-42;
Matches 52; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 11 TKYIMACMSADLEVTSTWVLGGVLAALAAVCLSVGCVVIVGHIELGKPA 62
DB 11 TKYIMACMSADLEVTSTWVLGGVLAALAAVCLSVGCVVIVGHIELGKPA 62

RESULT 12

US-09-878-281-34
; Sequence 34, Application US/09878281
; Publication No. US20030032005A1
; GENERAL INFORMATION:

APPLICANT:
; TITLE OF INVENTION: New sequences of hepatitis C virus
; NUMBER OF SEQUENCES: 270
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/878,281
; FILING DATE:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 08/362,455
; FILING DATE:
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 133 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-09-878-281-34

Query Match 39.1%; Score 52; DB 10; Length 133;

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/878,281
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-878-281-38

Query Match 73.7%; Score 98; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 7.4e-87;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAAYCISVGCVTIVGHIEIGK 60

QY 61 PAIVPDKEVLYQOYDEMEECSSQAAPYTEQAQVIAHQFK 98
DB 61 PAIVPDKEVLYQOYDEMEECSSQAAPYTEQAQVIAHQFK 98

RESULT 6
US-09-878-281-40
Sequence 40, Application US/09878281
Publication No. US20030032005A1
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: New sequences of hepatitis C virus
TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/878,281
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 133 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-878-281-40

Query Match 73.7%; Score 98; DB 10; Length 133;
Best Local Similarity 100.0%; Pred. No. 7.4e-87;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAAYCISVGCVTIVGHIEIGK 60
DB 1 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAAYCISVGCVTIVGHIEIGK 60

QY 61 PAIVPDKEVLYQOYDEMEECSSQAAPYTEQAQVIAHQFK 98
DB 61 PAIVPDKEVLYQOYDEMEECSSQAAPYTEQAQVIAHQFK 98

RESULT 7
US-09-899-046-223
Sequence 223, Application US/09899046

Publication No. US20030008274A1
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: New sequences of hepatitis C virus
TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/899,046
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:
INFORMATION FOR SEQ ID NO: 223:
SEQUENCE CHARACTERISTICS:
LENGTH: 209 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-899-046-223

Query Match 73.7%; Score 98; DB 10; Length 209;
Best Local Similarity 100.0%; Pred. No. 1.1e-86;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAAYCISVGCVTIVGHIEIGK 60
DB 77 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAAYCISVGCVTIVGHIEIGK 136

QY 61 PAIVPDKEVLYQOYDEMEECSSQAAPYTEQAQVIAHQFK 98
DB 137 PAIVPDKEVLYQOYDEMEECSSQAAPYTEQAQVIAHQFK 174

RESULT 8
US-09-878-281-223
Sequence 223, Application US/09878281
Publication No. US20030032005A1
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: New sequences of hepatitis C virus
TITLE OF INVENTION: genotypes for diagnosis, prophylaxis and therapy.
NUMBER OF SEQUENCES: 270
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/878,281
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/362,455
FILING DATE:
INFORMATION FOR SEQ ID NO: 223:
SEQUENCE CHARACTERISTICS:
LENGTH: 209 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-09-878-281-223

Query Match 73.7%; Score 98; DB 10; Length 209;
Best Local Similarity 100.0%; Pred. No. 1.1e-86;
Matches 98; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAAYCISVGCVTIVGHIEIGK 60
DB 77 QNEICLTHPTIKYIMACMSADLEVTSTWVLGGVLAALAAAYCISVGCVTIVGHIEIGK 136

Best Local Similarity 100.0%; Pred. No. 2.4e-42; Indels 0; Gaps 0;
Matches 52; Conservative 0; Mismatches 0;

QY 11 TKTIMCMSADLEVTSTWVLGGVLAALAAACLSVGCVVIVGHIEIGKPA 62
Db 11 TKTIMCMSADLEVTSTWVLGGVLAALAAACLSVGCVVIVGHIEIGKPA 62

RESULT 13

US-10-396-964-17
; Sequence 17, Application US/10396964
; Publication No. US20030198946A1

GENERAL INFORMATION:
APPLICANT: Simmonds, Peter
APPLICANT: Chan, Shiu-Wan
APPLICANT: Yap, Peng L.
TITLE OF INVENTION: Hepatitis-C Virus Testing
NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Bell, Seltzer, Park & Gibson, P.A.
STREET: 1211 East Morehead Street
CITY: Charlotte
STATE: No. US20030198946A1ch Carolina
COUNTRY: United States
ZIP: 28234
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0. Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/396,964
FILING DATE: 23-MARCH-2003
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/244,116B
FILING DATE: 15-JUL-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB92/02143
FILING DATE: 20-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Sibley, Kenneth D.
REGISTRATION NUMBER: 31,665
REFERENCE/DOCKET NUMBER: 1749-125
TELECOMMUNICATION INFORMATION:
TELEPHONE: 704-377-1561
TELEFAX: 704-334-2014
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 128 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: Hepatitis-C virus
US-10-396-964-17

Query Match 36.1%; Score 48; DB 14; Length 128;
Best Local Similarity 100.0%; Pred. No. 1.7e-38; Indels 0; Gaps 0;
Matches 48; Conservative 0; Mismatches 0;

QY 15 MACMSADLEVTSTWVLGGVLAALAAACLSVGCVVIVGHIEIGKPA 62
Db 9 MACMSADLEVTSTWVLGGVLAALAAACLSVGCVVIVGHIEIGKPA 56

RESULT 14
US-09-881-239-5
; Sequence 5, Application US/09881239

Publication No. US20020192639A1
GENERAL INFORMATION:
APPLICANT: CHEN, David Y.
APPLICANT: ARANGEL, Phillip
APPLICANT: TANDESK, Laura
APPLICANT: GEORGE-NASCIMENTO, Carlos
APPLICANT: COIT, Doris
APPLICANT: MEDINA-SELBY, Angelica
TITLE OF INVENTION: HCV ANTIGEN/ANTIBODY COMBINATION ASSAY
FILE REFERENCE: 2302-16073 / PP16073.003
CURRENT APPLICATION NUMBER: US/09/881,239
CURRENT FILING DATE: 2001-06-14
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5
LENGTH: 829
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: MEFA 12
US-09-881-239-5

Query Match 30.8%; Score 41; DB 9; Length 829;
Best Local Similarity 100.0%; Pred. No. 5.4e-31; Indels 0; Gaps 0;
Matches 41; Conservative 0; Mismatches 0;

QY 58 GGRPAIVDPKEVLYQQYDEMEECSQAAPYIEQAQVIAHQPK 98
Db 444 GGRPAIVDPKEVLYQQYDEMEECSQAAPYIEQAQVIAHQPK 484

RESULT 15
US-09-881-654-4
; Sequence 4, Application US/09881654
; Patent No. US20020146685A1
GENERAL INFORMATION:
APPLICANT: CHEN, David Y.
APPLICANT: ARANGEL, Phillip
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APPLICANT: GEORGE-NASCIMENTO, Carlos
APPLICANT: COIT, Doris
APPLICANT: MEDINA-SELBY, Angelica
TITLE OF INVENTION: IMMUNOASSAYS FOR ANTI-HCV ANTIBODIES
FILE REFERENCE: 2302-17039 / PP17039.002
CURRENT APPLICATION NUMBER: US/09/881,654
CURRENT FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: 60/212,082
PRIOR FILING DATE: 2000-06-15
PRIOR APPLICATION NUMBER: 60/280,811
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: 60/280,867
PRIOR FILING DATE: 2001-04-02
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 1099
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: MEFA 7.1
US-09-881-654-4

Query Match 30.8%; Score 41; DB 9; Length 1099;
Best Local Similarity 100.0%; Pred. No. 6.9e-31; Indels 0; Gaps 0;
Matches 41; Conservative 0; Mismatches 0;

QY 58 GGRPAIVDPKEVLYQQYDEMEECSQAAPYIEQAQVIAHQPK 98
Db 748 GGRPAIVDPKEVLYQQYDEMEECSQAAPYIEQAQVIAHQPK 788

Search completed: March 18, 2004, 05:47:26
Job time : 40 secs

